Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 17 Oct 2023 until 23:59 on Wednesday 18 Oct 2023

Forecast Issued on Tuesday 17 Oct 2023 at 03:12

Confidence: High becoming Medium in detail from Wednesday and Low form Friday.

Headline for Tuesday 17 Oct 2023: Dry and bright. Strengthening easterly winds. Feeling chilly over the tops.

Mountain weather hazards on Tuesday 17 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
<05%	10%	10%	10%	10%	20%

Forecast for Tuesday 17 Oct 2023

Weather: Dry and bright start on Tuesday morning with sunny spells once any early mist and fog clears. The sunshine turning increasingly hazy with thicker cloud in afternoon brining risk of patchy light rain by the evening. Strengthening easterly winds with gales across summits and exposed ridges.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Mostly no significant cloud, but occasional or patchy cloud, base 450m, possible in the morning. Visibility mainly good or very good, except in any cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 17 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/29 E	25/33 E	32/41 E	31/41 E	33/45 E	34/47 E	34/46 E
300	11/18 NE	13/17 E	21/32 E	16/26 E	21/34 E	29/46 E	27/43 E
Valley	13/25 E	11/22 E	13/27 E	14/28 E	14/31 E	17/39 E	17/37 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	8/2	8/3	6/0	6/-0	6/0
300	7/4	8/5	10/7	11/8	9/5	9/4	9/4
Valley	7/3	9/6	12/9	12/9	10/7	9/6	9/6
Freezing Level*	1500m	1500m	1500m	1400m	1500m	1800m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note strengthening winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 17 Oct 2023	N/A	N/A	N/A

Forecast for Wednesday 18 Oct 2023

Weather: Mainly dry and windy overnight. Often dry during daylight hours, some early bright spells, although becoming mostly cloudy with patchy rain or showers possible. Gales and a significant wind chill over the tops. The rain becoming heavy and persistent in the evening.

Maximum wind: East or Southeast 30 to 35mph gusts 50-55mph.

Chance of cloud-free hill tops above 600m: 70% falling 30% in the evening.

Low cloud and visibility: Cloud mainly near or above the tops at first, but becoming extensive, base around 500m, by the end of the afternoon, lowering 300m or less at times in the evening. Visibility good or very good falling moderate in rain and poor or very poor in cloud and heavier rain later.

Temperature: **Valleys:** Plus 8 degrees Celsius rising to 14 degrees Celsius.
At 600m: Plus 7 degrees rising to plus10 degrees Celsius.
Freezing level: Above the summits

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